

Ryan Keller

Full Stack Developer with background in security and DevOps.
Bootcamp alumnus; graduating B.S. in Informatics June 2019.

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Seattle, WA; Can Relocate

Professional Experience

Capital One

Software Engineering Intern, Full Stack

2018

- Led a team of 6 developers, providing 1:1 mentorship, developing application architecture and establishing team best-practices.
- Created several company-wide UI component libraries for data visualization, client-side state management, and application hardening.
- Developed full stack security applications used to define and enforce security policies, profile attack vectors, and automatically triage breaches.

Technologies: Go, Node, React, Webpack, Rollup, MongoDB, AWS

T-Mobile

Security Engineering Co-Op

2018

- Researched emerging solutions for security infrastructure automation, creating proofs-of-concept capable of scaling to support 14,000 nodes.
- Developed full stack applications and data ingestion systems for cyber threat intelligence, automating the collection of emerging threat data.

Technologies: Software Defined Perimeter, Micro-Segmentation, Node, React

DevOps Engineering Co-Op

2017 - 2018

- Automate continuous integration pipelines and provisioning of cloud "Infrastructure on Demand" using bash scripts, Puppet and Ansible.
- Developed Chrome browser extensions to add bespoke functionality to vendor web applications, including data visualization and API integrations.

Technologies: Puppet, Ansible, Ruby, Bash, JavaScript, Chrome browser API

University of Washington

Full Stack Developer

2017 - 2018

- Developed a bespoke IT project management web app used to select and grant \$12 million in funding to over 100 campus projects annually.
- Redesigned the campus technology proposal process to improve efficiency, accessibility, financial auditing processes, and data integrity.

Technologies: Node, React, Redux, Webpack, MySQL, MongoDB, AWS

Network Specialist

2016 - 2017

- Developed automation systems for automatically provisioning, deploying, and managing network infrastructure using Python and Ansible playbooks.

Technologies: Python, Ansible, Bash, Network Design and Configuration

Starbucks

Service Desk Analyst

2015 - 2016

- Performed configuration and implementation of the Mobile Order & Pay System for over 13,000 stores internationally.

Technologies: SQL, Juniper Networking, Oracle AS400, Symphony PoS

Additional Experience

University of North Texas

Research Coordinator, Behavior Analysis

2015

Research Lab Manager, Traumatic Injury & Injustice

2013 - 2014

Education

University of Washington

Bachelor of Science in Informatics

Concentration in Cybersecurity

Informatics is the combined study of Human-Computer-Interaction, project management and computer science.

Graduating March 2019; 3.7 GPA

FreeCodeCamp

Data Structures & Algorithms Cert.

Received August 2018

API Design and Microservices Cert.

Expected September 2018

Data Visualization Certificate

Expected September 2018

Code Fellows

Advanced Web Development

Completed January 2017

Skills

Front-End Development

JavaScript ES7, React, Redux, Vue, Mithril, Handlebars, EJS, Pug (Jade)

Data Visualization

D3.js and React-Vis / React D3, Victory, Recharts, amCharts, Leaflet

Back-End Development

Golang, Ruby, NodeJS, Express, Koa, Feathers, Restify, Adonis, Micro

Web Application Build Infrastructure

Babel, Webpack, Rollup, Gulp, SASS, LESS, CSS Modules, Code Splitting

Web Quality Assurance Testing

Mocha & Chai, Jest & Enzyme, Sinon

DevOps & Continuous Integration

Puppet, Ansible, Jenkins, Docker, ECS

Database Administration

MySQL, Postgres, MongoDB, Firestore, Redis, GraphQL & Apollo

IT Service Management

Project Management, Systems Design & Integration, Incident Management